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Sterilisation of contact lenses - with soln. contg. peracetic acid and
hydrogen peroxide

Patent Assignee: LAROCHE J M (LARO-I)

Inventor: LAROCHE J M

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Patent Family:

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FR 2584503	A	19870109	FR 851715	A	19850207	198707 B

Priority Applications (No Type Date): FR 851715 A 19850207

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
FR 2584503	A	12		

Abstract (Basic): FR 2584503 A

Sterilisation of contact lenses is effected by contacting them with
a soln. of peracetic acid (I) in H₂O₂, after which the soln. is removed
and the lenses are opt. stored in saline soln.

Pref. the soln. contains 100-200 (esp. 120-160) ppm (I) and 2-3
(esp. 2.7-2.8) % H₂O₂, opt. together with a nonionic surfactant. The
excess soln. is removed by rinsing with water or by treating with a
biocatalyst, esp. a catalase or peroxidase. Specifically, the lenses
are massaged with the soln. in the palm of the hand for 1 min., rinsed
in flowing tap water for 30 sec., and soaked in saline soln.; opt.
buffered and opt. contg. a non-irritant preservative, e.g. sorbic acid.

USE/ADVANTAGE - The process is esp. applicable to (soft)
contact

lenses made of hydroxyethyl methacrylate polymer (claimed).

Sterilisation times are shorter (e.g. less than 1 min.) than when H₂O₂
alone is used.

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Derwent Class: A14; A35; A96; D22; E17; E36; P34; P81

International Patent Class (Additional): A61L-002/18; G02C-013/00

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